TROUBLESHOOTING

Always disconnect the pump from the power supply before handling.

If the pump, optional water feature fail to operate:

- Check to make sure the power cord is plugged in and the receptacle has stable power supply running to it.
- Check to ensure water level is above sensor.
- Check the tubing for kinks or obstructions.
- Check if water feature outlet or tubing is clean and clear.
- Check the front cover of pump for obstructions.

If water flow has not returned:

- Remove front cover and impeller cover to access rotor area.
- Rotate the rotor to ensure it is not broken or jammed. Remove the rotor to check it is free from any debris.
- Rinse the cover and re-assemble.

LIMITED WARRANTY

These components are warranted to the original user against defective materials and workmanship for a period of 12 months. Our limited warranty does not cover any costs associated with the installation or removal of products subject to warranty claims or the cost of return. The warranty will commence from the date of purchase. Replacement liability is limited to any part or parts of the unit which have failed due to defective material or workmanship. Proof of purchase is required for all claims against the limited warranty. This warranty does not extend to damage of the product or part resulting from accident, misuse, alteration, neglect, abuse, improper installation or normal wear and tear to the product(s). This limited warranty extends only to the original user of the product.

For more information on this and other products, please visit our web site: www.angelodecor.com

PLEASE DO NOT RETURN THIS UNIT TO THE STORE.

To **contact us** regarding this unit, your options include:

Email:**customersupport@angelodecor.com** | Phone: (780) 453 - 6646 | Fax: (780) 453- 6620

Angelo Décor International Inc. | 15840 – 118th Avenue | Edmonton, AB |T5V 1C4

Safe Stop™ Fountain Pump

Instruction Manual SP650 / SP850

THANK YOU FOR BUYING AN ANGELO DECOR PRODUCT.

PACKAGE CONTENTS

½” Output
¾” Output
Fountain Pump
3M (10’) Power Cord (SP650)
5M (15’) Power Cord (SP850)

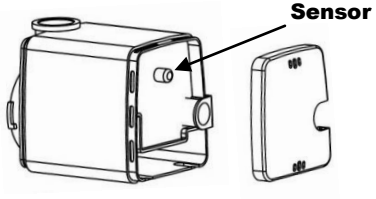
IMPORTANT - BEFORE YOU BEGIN:

This pump is intended for use in free-standing fountains and water features in “clean water applications”.

It is not compatible with salt water.

It should be installed properly in to these features based on this instruction manual to ensure this feature works as intended.

The Safe Stop™ feature uses a sensor designed to detect improper water levels, preventing your pump from running dry and overheating.



Water level must be at or above the level of the sensor for the pump to resume operation. A few seconds delay may result after adding water.

QUESTIONS?

PLEASE DO NOT RETURN THE ITEM TO THE STORE.

Please visit our website www.angelodecor.com for more information and videos on how to assemble and properly use your product.

WARNING: SAFETY AND ELECTRICAL CONNECTIONS

The pump is supplied with 3 core electrical cable, permanently connected and sealed to the motor. The cable cannot be replaced. Pump should be discarded if cord is damaged.

- Connect pump to a ground fault circuit interrupter (GFCI) receptacle.
- Do not connect to any voltage other than that stated on the pump. Alternate power supply will cause immediate damage.
- Always unplug or disconnect from power supply before putting hands in the water, while equipment is being handled in any way.
- Do not use the cable to lift the pump as this may cause damage.
- Keep cord away from high temperatures or any element that may cause physical damage.

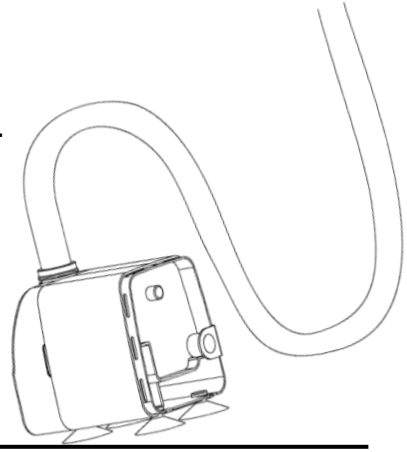
PLACEMENT OF PUMP IN WATER FEATURE

The pump must always be **placed in a "standing" position**. **Pump should never be allowed to sit on its side**, as this will disable the Safe Stop™ feature.

A slight forward tilt will help the intake at the front of the pump to remain fully submersed, keeping air pockets out of the water line.

Placing a small stone under the back of the pump, or securing the power cord to affect this "tilt" is highly recommended.

A "loop" in the connected tubing (shown right) will also help the Safe Stop™ feature to operate at peak efficiency.

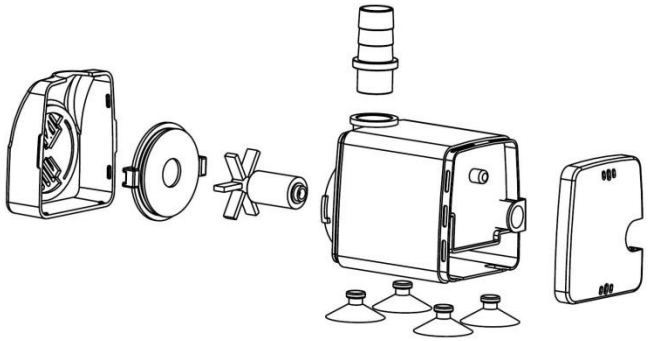


Bottom of water feature

CARE AND MAINTENANCE

Before attempting any adjustments, always disconnect the pump from the power supply and remove from pond.

- Do not pump heated liquids or water that is above 40°C.
- Always operate the pump completely submerged.
- Disassemble the unit periodically to clean mineral deposits and build up of debris inside the impeller and rotor.



- Clean components when visibly soiled or a drop in performance is noted.
- Use a cloth or soft brush, white vinegar or mild soap when cleaning.
- Do not operate this pump below 4°C, as **FREEZING DAMAGE MAY OCCUR.**
- If temperature is likely to fall below 4°C remove the pump from the pond, ensure all water is removed from the pump and the unit is completely dry and stored in a frost-free place.